

## United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Offices Address COMMISSIONER FOR PATENTO P.O. Dec 1450 Alassadris, Vigena 22313-1450

## \*BIBDATASHEET\*

Bib Data Sheet

**CONFIRMATION NO. 1611** 

SERIAL NUMBER 10/826,945	FILING DATE 04/17/2004 RULE	CLASS 360	GROUP ART ( 2652	• 1		ATTORNEY DOCKET NO. SJO920000165US2	
APPLICANTS							
Kuok San Ho, C	upertino, CA;						
Tao Pan, San Jose, CA;							
This application is a DIV of 10/054,656 01/18/2002 PAT 6,754,056  **FOREIGN APPLICATIONS ************************************							
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 06/26/2004							
Foreign Priority claimed 35 USC 119 (a-d) conditions m	yes Pno	STATE_OR_	SHEETS_	TO	ΓAL	INDEPENDENT	
Made and Automote Access		Viowance COUNTRY CA	DRAWING 11	CLA 2	-	CLAIMS 5	
ADDRESS International Business Machines Corporation IP Law L2PA/010 5600 Cottle Road San Jose , CA 95193							
TITLE Method of making a read head having a tunnel junction sensor with a free layer biased by exchange coupling with insulating antiferromagnetic (AFM) layers							
FEE FILING FEE No. No. RECEIVED	S: Authority has been given to charge/credit for following:	1.16 F	☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue)				